**DOCKET NO.:** UPN-3827 **Application No.:** 09/730,929

Office Action Dated: November 14, 2002

This listing of claims will replace all prior versions, and listings, of claims in the application.

## **Listing of Claims:**

1. (Currently amended): A compound of formula:

wherein:

R<sub>1</sub>, R<sub>2</sub>, R<sub>7</sub>, and R<sub>8</sub> are independently selected from hydrogen and C<sub>1</sub>-C<sub>10</sub> alkyl;
R<sub>3</sub>, R<sub>6</sub>, and R<sub>16</sub> are independently selected from hydrogen and C<sub>1</sub>-C<sub>6</sub> alkyl;
R<sub>4</sub> and R<sub>9</sub> are selected from hydrogen and acid labile <u>hydroxyl</u> protecting groups;

R<sub>40</sub> is selected from -OR<sub>25</sub> and -OC(=O)NH<sub>2</sub>;

R<sub>25</sub> is selected from hydrogen and an oxidatively labile protecting group; and J is selected from:

$$R_{33}O$$
 $R_{32}$ 
 $R_{32}$ 
 $R_{32}$ 
 $R_{33}O$ 
 $R_{32}$ 
 $R_{32}$ 
 $R_{33}O$ 
 $R_{32}$ 
 $R_{32}$ 
 $R_{32}$ 
 $R_{32}$ 
 $R_{33}O$ 
 $R_{32}$ 
 $R_{32}$ 
 $R_{33}O$ 
 $R_{32}$ 

**DOCKET NO.:** UPN-3827 **Application No.:** 09/730,929

Office Action Dated: November 14, 2002

$$R_{32}$$
  $R_{32}$   $R$ 

alkaryl and alkheteroaryl wherein aryl and heteroaryl are optionally substituted and alk is optionally substituted with  $R_{32}$  or  $-OR_{33}$ ;

wherein:

R<sub>32</sub> is selected from hydrogen and C<sub>1</sub>-C<sub>6</sub> alkyl;-and

 $\ensuremath{R_{33}}$  is selected from hydrogen and an acid labile hydroxy protecting group;

and

R<sub>34</sub> is selected from hydrogen and C<sub>1</sub>-C<sub>6</sub> alkyl;

with the proviso that when  $R_1$ ,  $R_2$ ,  $R_6$ ,  $R_7$ ,  $R_8$ , and  $R_{32}$  are methyl; and  $R_3$  is hydrogen or methyl; and  $R_4$ ,  $R_9$ ,  $R_{16}$ ,  $R_{25}$ , and  $R_{33}$  are hydrogen; and J is:

T,9001

$$R_{33}O$$
 $R_{32}$ 
 $R_{34}$ 
 $R_{34}$ 
 $R_{34}$ 
 $R_{34}$ 
 $R_{35}$ 
 $R_{34}$ 
 $R_{35}$ 
 $R_{36}$ 
 $R_{36}$ 
 $R_{36}$ 
 $R_{37}$ 
 $R_{38}$ 

R<sub>34</sub> is other than hydrogen or methyl.

- 2. (Original): The compound of claim 1 wherein  $R_6$  is H.
- 3. (Original): The compound of claim 1 wherein  $R_1$ ,  $R_2$ ,  $R_7$ , and  $R_8$  are methyl.

Page 19 of 31

**DOCKET NO.:** UPN-3827 **Application No.:** 09/730,929

Office Action Dated: November 14, 2002

- 4. (Original): The compound of claim 1 wherein  $R_4$ ,  $R_9$ , and  $R_{33}$  are hydrogen.
- 5. (Original): The compound of claim 1 wherein  $R_1$ ,  $R_2$ ,  $R_7$ , and  $R_8$  are methyl;  $R_4$ ,  $R_6$ , and  $R_9$  are hydrogen; and  $R_{40}$  is -OC(O)NH<sub>2</sub>.
- 6. (Currently amended): The compound of claim 5 wherein J is:

A13

$$7,7/96$$
 $R_{33}O$ 
 $R_{32}$ 
 $R_{33}O$ 
 $R_{32}$ 
 $R_{34}$ 
 $R_{34}$ 

wherein R<sub>32</sub> is methyl; and R<sub>33</sub> is hydrogen; and R<sub>34</sub> is methyl.

7. (Canceled)

**%**.

(Original): The compound of claim 1 wherein J is:

$$R_{32}$$
  $R_{33}$   $R_{33}$   $R_{33}$   $R_{33}$ 

wherein the phenyl group is optionally substituted with  $C_1$ - $C_4$  alkyl, haloalkyl, hydroxy, alkoxy, or haloalkoxy.

9! (Original): The compound of claim 8 wherein  $R_1$ ,  $R_2$ ,  $R_3$ ,  $R_6$ ,  $R_7$  and  $R_8$  are methyl,  $R_4$ ,  $R_9$ , and  $R_{16}$  are hydrogen,  $R_{40}$  is -OC(=O)NH<sub>2</sub>, and J is:

Page 20 of 31

**DOCKET NO.:** UPN-3827 **Application No.:** 09/730,929

Office Action Dated: November 14, 2002

9 19. (Currently amended): A compound having the following formula:

wherein:

R<sub>1</sub>, R<sub>2</sub>, R<sub>7</sub>, and R<sub>8</sub> are independently hydrogen or C<sub>1</sub>-C<sub>10</sub> alkyl;

R<sub>3</sub>, R<sub>6</sub>, and R<sub>16</sub> are independently hydrogen or C<sub>1</sub>-C<sub>6</sub> alkyl;

 $R_4$ , and  $R_9$  are independently hydrogen or acid labile <u>hydroxyl</u> protecting groups;

R<sub>40</sub> is selected from -OR<sub>25</sub> and -OC(=O)NH<sub>2</sub>;

R<sub>25</sub> is hydrogen or an oxidatively labile protecting group; and

J is selected from:

**DOCKET NO.:** UPN-3827 **Application No.:** 09/730,929

Office Action Dated: November 14, 2002

$$R_{33}O$$
 $R_{32}$ 
 $R_{32}$ 

$$R_{32}$$
 $R_{32}$ 
 $R_{33}$ 
 $R_{33}$ 
 $R_{32}$ 
 $R_{33}$ 
 $R_{33}$ 
 $R_{32}$ 
 $R_{33}$ 
 $R_{33}$ 
 $R_{32}$ 
 $R_{33}$ 
 $R$ 

alkaryl and alkheteroaryl wherein aryl and heteroaryl are optionally substituted and alk is optionally substituted with  $R_{32}$  or  $-OR_{33}$ ;

wherein:

R<sub>32</sub> is hydrogen or C<sub>1</sub>-C<sub>6</sub> alkyl; and

R<sub>33</sub> is hydrogen or an acid labile hydroxy protecting group.

(Original): The compound of claim 10 wherein R<sub>6</sub> is H.

(Original): The compound of claim 10 wherein R<sub>1</sub>, R<sub>2</sub>, R<sub>7</sub>, and R<sub>8</sub> are methyl.

Page 22 of 31

a

DOCKET NO.: UPN-3827

Application No.: 09/730,929

Office Action Dated: November 14, 2002

(Original): The compound of claim 19 wherein R<sub>4</sub>, R<sub>9</sub>, and R<sub>33</sub> are hydrogen.

14. (Original): The compound of claim 16 wherein  $R_1$ ,  $R_2$ ,  $R_7$ , and  $R_8$  are methyl;  $R_4$ ,  $R_6$ ,  $R_9$ , and  $R_{33}$  are H; and  $R_{40}$  is  $-OC(O)NH_2$ .

(Currently amended): A compound having the formula:

AIS

wherein

 $R_2$ ,  $R_7$ , and  $R_8$  are independently hydrogen or  $C_1$ - $C_{10}$  alkyl;

 $R_3$ ,  $R_6$ , and  $R_{16}$  are independently hydrogen or  $C_1\text{-}C_6$  alkyl;

 $R_4$ ,  $R_9$ , and  $R_{33}$  are independently hydrogen or acid labile <u>hydroxyl</u> protecting

groups;

R<sub>4</sub> and R<sub>9</sub> are independently hydrogen or acid labile protecting hydroxl

groups;

 $R_{40}$  is selected from  $-OR_{25}$  and  $-OC(=O)NH_2$ ;

R<sub>25</sub> is hydrogen or an oxidatively labile protecting group; and

J is selected from:

**PATENT** 

**DOCKET NO.:** UPN-3827 **Application No.:** 09/730,929

Office Action Dated: November 14, 2002

$$R_{33}O$$
 $R_{32}$ 
 $R_{32}$ 
 $R_{32}$ 
 $R_{32}$ 
 $R_{32}$ 
 $R_{33}O$ 
 $R_{32}$ 
 $R_{32}$ 
 $R_{32}$ 
 $R_{32}$ 
 $R_{32}$ 
 $R_{32}$ 
 $R_{32}$ 
 $R_{32}$ 
 $R_{32}$ 
 $R_{32}$ 

alkaryl and alkheteroaryl wherein aryl and heteroaryl are optionally substituted and alk is optionally substituted with  $R_{32}$  or  $\_OR_{33}$ ; wherein

 $R_{32}$  is hydrogen or  $C_1\text{-}C_6$  alkyl; and

 $R_{33}$  is hydrogen or an acid labile hydroxy protecting group.

(Original): The compound of claim 18 wherein R<sub>6</sub> is H.

17. (Original): The compound of claim 18 wherein R<sub>1</sub>, R<sub>2</sub>, R<sub>7</sub>, and R<sub>8</sub> are methyl.

Page 24 of 31

a.

**DOCKET NO.:** UPN-3827 **Application No.:** 09/730,929

Office Action Dated: November 14, 2002

17 18!

(Currently amended): A compound having the formula:

R<sub>1</sub> R<sub>2</sub> R<sub>3</sub> R<sub>6</sub>

R<sub>40</sub> OR<sub>4</sub> R<sub>7</sub>

R<sub>8</sub> OR<sub>9</sub>

R<sub>33</sub>O<sub>11,...</sub>

R<sub>16</sub>

wherein:

R<sub>1</sub>, R<sub>2</sub>, R<sub>7</sub>, and R<sub>8</sub> are independently hydrogen or C<sub>1</sub>-C<sub>10</sub> alkyl;

R<sub>3</sub>, R<sub>6</sub>, and R<sub>16</sub> are independently hydrogen or C<sub>1</sub>-C<sub>6</sub> alkyl;

R<sub>4</sub>, R<sub>9</sub>, and R<sub>33</sub> are independently hydrogen or acid labile hydroxyl protecting

groups;

R<sub>4</sub>, R<sub>9</sub>, are independently hydrogen or acid labile protecting hydroxl groups;

 $R_{25}$  is hydrogen or an oxidatively labile protecting group;

 $R_{40}$  is selected from  $\_OR_{25}$  and  $\_OC(=O)NH_2$ ;

R' is methyl or alkyl-R"; and

R" is  $C_1$ - $C_{10}$  alkoxy, hydroxy, or - $C(O)CH_3$ .

19. (Original): The compound of claim 18 wherein R<sub>6</sub> is hydrogen.

 $R_1$  (Original): The compound of claim 18 wherein  $R_1$ ,  $R_2$ ,  $R_7$ , and  $R_8$  are methyl.

(Original): The compound of claim 20 wherein R<sub>4</sub>, R<sub>9</sub>, and R<sub>33</sub> are H.

2 / 2/2. (Original): The compound of claim 18 wherein  $R_1$ ,  $R_2$ ,  $R_7$ , and  $R_8$  are methyl;  $R_4$ ,  $R_6$ ,  $R_9$ , and  $R_{33}$  are H; and  $R_{40}$  is -OC(O)NH<sub>2</sub>.

Page 25 of 31

**DOCKET NO.:** UPN-3827

**PATENT** 

Application No.: 09/730,929
Office Action Dated: November 14, 2002

(New): A compound of formula:

$$\begin{array}{c} \begin{array}{c} \\ \\ \\ \\ \\ \\ \\ \end{array} \end{array}$$

 $R_3$  and  $R_{16}$  are independently selected from hydrogen and  $C_1$ - $C_6$  alkyl.